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JC15 U.S. PTO

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Please type a plus sign (+) inside box →

PTO/SB/05 (12/97)

Approved for use through 09/30/00. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

UTILITY

PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 50321-1020

First Named Inventor or Application Identifier Underbrink et al.

Title SIGNAL DETECTOR EMPLOYING A DOPPLER PHASE CORRECTION SYSTEM

Express Mail Label No. EL484067019US

APPLICATION ELEMENTS

See MPEP Chapter 600 concerning utility patent application contents

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)

[Total Pages

83

2. Specification
(preferred arrangement set forth below)
- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R&D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

3. Drawing(s) (35 USC d113)

[Total Sheets

19

4. Oath or Declaration

[Total Pages

3

a. Newly Executed (original or copy)
b. Copy from a prior application (37 CFR §1.63(d))
(for continuation/divisional with Box 17 completed)

[Note Box 5 below]

i. DELETION OF INVENTOR(S)

Signed statement attached deleting inventor(s)
named in the prior application,
see 37 CFR §1.63(d)(2) and 1.33(b).

5. Incorporation By Reference (useable if Box 4b is checked)

The entire disclosure of the prior application, from which a copy of
the oath or declaration is supplied under Box 4b, is considered as
being part of the disclosure of the accompanying application and is
hereby incorporated by reference therein.

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

6. Microfiche Computer Program (Appendix)

7. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)

a. Computer Readable Copy

b. Paper Copy (identical to computer copy)

c. Statement verifying identical of above copies

ACCOMPANYING APPLICATION PARTS

8. Assignment Papers (cover sheet & Documents(s))

9. 37 CFR §3.73(b) Statement
(when there is an assignee) Power of
Attorney

10. English Translation Document (if applicable)

11. Information Disclosure
Statement (IDS)/PTO-1449 Copies of IDS
Citations

12. Preliminary Amendment

13. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)

14. Small Entity Statement(s) Statement filed in prior application
(PTO/SB/09-12) Status still proper and desired

15. Certified Copy of Priority Document(s)
if foreign priority is claimed

16. Other:

*A new statement is required to be entitled to pay small entity fees, except
where one has been filed in a prior application and is being relied upon.*

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment:

Continuation Divisional Continuation-in-part (CIP)

of prior application No. /

Prior application information: Examiner _____ Group / Art Unit: _____

18. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or Correspondence address below

NAME	Scott A. Horstemeyer Thomas, Kayden, Horstemeyer & Risley, L.L.P.		
ADDRESS	100 Galleria Parkway Suite 1750		
CITY	Atlanta	STATE	Georgia
COUNTRY	U.S.A.	TELEPHONE	770-933-9500
ZIP CODE	30339-5948		
FAX	770-951-0931		

Name (Print/Type)	Robert P. Biddle	Registration No. (Attorney/Agent)	35,826
Signature			
	Date 4/17/00		

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1.

These are the fees effective December 29, 1999.

Small Entity payments **must** be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

TOTAL AMOUNT OF PAYMENT

(\$ 2,818.00)

Complete If Known	
Application Number	To Be Assigned
Filing Date	Herewith
First Named Inventor	Underbrink et al.
Examiner Name	To Be Assigned
Group / Art Unit	To Be Assigned
Attorney Docket No.	50321-1020

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge to the following Deposit Account,

Deposit Account Number 20-0778

Deposit Account Name Thomas, Kayden, Horstemeyer Risley

Charge any additional fee required and requested to credit any overpayment. Charge all indicated fees and any additional fee required or credit any overpayment.

2. Payment Enclosed:

Check Money Order Other

FEE CALCULATION**1. BASIC FILING FEE**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	690	201	345	Utility filing fee	\$690
106	310	206	155	Design filing fee	\$
107	480	207	240	Plant filing fee	\$
108	760	208	380	Reissue filing fee	\$
114	150	214	75	Provisional filing fee	\$
SUBTOTAL (1)				(\$690)	

2. EXTRA CLAIM FEES

		Extra Claims	Fee from below	Fee Paid
Total Claims	58	-20** =	38	x 18.00 = 684
Independent Claims	21	-3** =	18	x 78.00 = 1404
Multiple Dependent			260.00	= 0

*or number previously paid, if greater; For Reissue, see below

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	78	202	39	Independent Claims in excess of 3
104	260	204	130	Multiple dependent claims in excess of 3
109	78	209	39	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)				(\$2,088)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) 40

SUBMITTED BY

Complete (if applicable)

Typed or Printed Name

Robert P. Biddle

Reg. Number 35,826

Signature

Date 5/17/00

Deposit Account User ID

PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Underbrink *et al.*

Examiner: To Be Assigned

Serial No.: To Be Assigned

Group No.: To Be Assigned

Filing Date: Herewith

For: SIGNAL DETECTOR EMPLOYING A DOPPLER PHASE CORRECTION SYSTEM

CERTIFICATE OF EXPRESS MAIL

Assistant Commissioner for Patents

BOX: Patent Application

Washington, D.C. 20231

Sir:

Enclosed for filing in the above case are the following documents:

Return Postcard

Utility Patent Application Transmittal

Fee Transmittal

Recordation Form Cover Sheet Patents Only

Assignment of Utility Patent Application (4 Pages)

Declaration for Patent Application (3 Pages)

Utility Patent Application consisting of:

57 pages of Specification

25 pages of Claims

1 page of Abstract

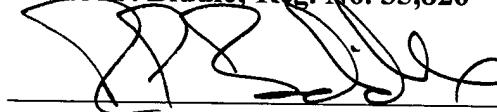
19 pages of Formal Drawings

Check in the Amount of \$2,818.00

Further, the Commissioner is authorized to charge Deposit Account No. 20-0778 for any additional fees required. The Commissioner is requested to credit any excess fee paid to Deposit Account No. 20-0778.

Respectfully submitted,

Robert P. Biddle; Reg. No. 35,826



THOMAS, KAYDEN, HORSTEMEYER
& RISLEY, L.L.P.

100 Galleria Parkway, N.W.

Suite 1750

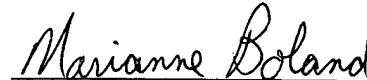
Atlanta, Georgia 30339-5948

Our Docket No: 50321-1020

I hereby certify that all correspondences listed above are being deposited for delivery to the above addressee, with the United States Postal Service **EXPRESS MAIL POST OFFICE TO ADDRESSEE** service under 37 CFR §1.10 on the date indicated below:

The envelope has been given U.S. Postal Service "Express Mail Post Office To Addressee" Package # **EL484067019US**.

Date: 4-18-00


Marianne Boland